

PTO/SB/08A (08-03)
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known	
		Application Number	09/933,280
		Filing Date	August 20, 2001
		First Named Inventor	In Hwan Choi et al.
		Art Unit	
		Examiner Name	
Sheet 1	of 2	Attorney Docket Number	2080-3-23

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
SA		US- 5946047	08-31-1999	Levan	
SA		US- 6490002	12-03-2002	Shintani	
SA		US- 6760077	07-06-2004	Choi et al.	
SA		US- 6075569	06-13-2000	Lee et al.	
SA		US- 5636252	06-03-1997	Patel et al.	
SA		US- 5629958	05-13-1997	Wilming	
SA		US- 5602595	02-11-1997	Citta et al.	
SA		US- 5600677	02-04-1997	Citta et al.	
SA		US- 5706312	06-06-1998	Wei	
SA		US- 2004/0240590	12-02-2004	Cameron et al.	
SA		US- 6708149	03-16-2004	Turin	
SA		US- 6690738	02-10-2004	Swenson et al.	
SA		US- 5233630	08-03-1993	Wolf	
SA		US- 5488691	01-30-1996	Fuoco et al.	
SA		US- 6788710	09-07-2004	Knutson et al.	
SA		US- 5831690	11-03-1998	Lyons et al.	
SA		US- 6697098	02-24-2004	Wang	
SA		US- 5488691	01-30-1996	Fuoco et al.	
		US-			

FOREIGN PATENT DOCUMENTS						
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		Country Code ² *Number ³ *Kind Code ⁵ (if known)				

Examiner Signature		Date Considered	5/29/05
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**INFORMATION DISCLOSURE
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Sheet 2

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		Number-Kind Code ² (if known)			
9/10		US- 5,636,251	06-03-1997	Citta et al.	
5/2		US- 5,629,958	05-13-1997	Wilming	
5/2		US- 5,600,677	02-04-1997	Citta et al.	
5/2		US- 60/198,014		Bretl et al.	
5/2		US- 5,555,024	09-10-1996	Limberg et al.	
5/2		US- 6,208,643	03-12-2001	Dieterich et al.	
5/2		US- 6,743,025	07-13-2004	Leatherbury et al.	
5/2		US- 2002/0085632	07-04-2002	Choi et al.	
5/2		US- 5,923,711	07-13-1999	Wilming	
5/2		US- 6,724,832	04-20-2004	Hershberger	
5/2		US- 5,087,975	02-11-1992	Citta et al.	
5/2		US- 5,563,884	10-11-1996	Fimoff et al.	
5/2		US- 6,519,298	02-11-2003	Kim	
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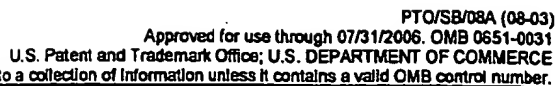
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SP	1	KR-2000-0018531A	4-13-1997	LG Electronics	whole document	
SP	2	KR-2000-0028757A	5-25-2000	Thompson	whole document	

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